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Date Printed: <b>07/06/2011</b>	Released: <b>05/05/2011</b> Rev. Num: <b>2.0</b>
Approved By: <b>Robin Smith</b>	

# Analysis of Unknown Powders

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## 1. Purpose and Scope

To identify unknown powders submitted by Law Enforcement agencies to determine the presence or absence of scheduled substances.

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## 2. Definitions

FTIR	Fourier transform infrared spectroscopy
GC/MS	Gas Chromatograph/Mass Spectrometer

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## 3. Safety Instructions

No safety instructions are identified for this instruction.

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## 4. Instructions

1. Weigh powder/unknown if necessary.  
Obtain an appropriate sample of the powder or unknown.  
Perform a presumptive color test on the sample.  
Prepare an appropriate sample for GC/MS or FTIR. See Sample Plan (**PRO-FC-01**).  
Refer to **WI-FC-05** or **WI-FC-09**.
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## 5. Notes

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## 6. FC-Instruments/Equipment/Materials

GC/MS  
Spot plate

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### 7. FC-Chemicals/Reagents

No fc-chemicals/reagents are identified for this instruction.

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### 8. Records

Drug Chemistry Checklist

FORM-FC-01

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### 9. Policy References

Technical requirements	5
General	5.1
Test and calibration methods and method validation	5.4
Equipment	5.5
Sampling	5.7
Reporting the results	5.10

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### 10. Procedure References

Sample Plan

PRO-FC-01

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### 11. Instruction References

FTIR	WI-FC-09
GC/MS Sample Preparation	WI-FC-05

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### 12. Other Reference Documents

Controlled Substance Act

PROXY-FC-01

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